PC EXTENSION INTERFACE PROTECTOR

MODEL: PCFACE-III 16 BIT ACTIVE SLOT

Functions:

1. 8/16 bit interface cards can be applied from outside computer.
2. All signal lines of expansion slot can be used by measuring.
3. The interface cards applied on the PCFACE-III can be inserted/removed while computer power on.
4. All signal lines and power lines are isolated.
5. Protected motherboard.
6. Designed in 4 layer, noiseless and great stability.
7. Four sets of power indicator.

PROTECTIONS:

1. Avoids hardware errors when experimental.
2. Avoids computer damage from user abuse.
3. No needs to open computer case, protecting motherboard.
4. Protection against short-circuits.

CHECK PACKAGE CONTENTS:

Check to see you have each item listed below. If anything is missing, contact your local dealer or supplier.

1. PCFACE-III main unit
2. A remote control card
3. 62pin cable x 1 and 37pin cable x 1
4. Instruction manual

INSTALLATION PROCEDURES:

Follow the steps listed in the installation section completely and in the order given to ensure proper installation.

1. Make sure to switch off your computer system before installation.
2. Insert the PCFACE-III control card carefully to the slot and fasten it to the computer system with the slot cover screw.
3. Connect the 62pin and 37pin cables from connector on back panel of PC to PCFACE-III main unit.
4. Close the case and turn the power on. If the Power LED lights up and PC works normally the installation is successful.

NOTE: Make sure PCFACE-III's power switch in off position when you inserted/removed interface card from PCFACE-III.

APPLICABLE MODELS:

1. PC XT / AT / 386 / 486 / Pentium and compatables.
2. AT BUS (62PIN + 36PIN)

APPLICABLE INTERFACE CARD

1. MONO / EGA / VAG CARD
2. FDC CARD
3. HDC CARD
4. GAME CARD
5. SOUND CARD
6. MPEG CARD
7. ALL KIND OF I/O CARD

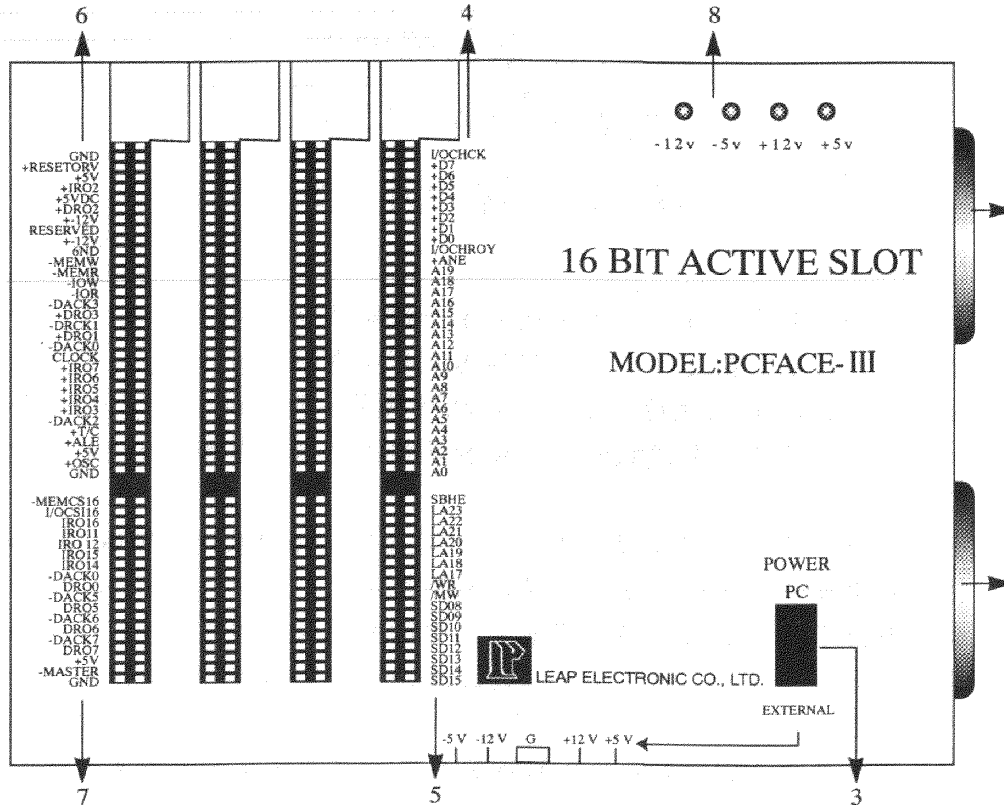
PC介面槽的接腳信號規劃圖

62 PIN SLOT PIN-OUT

GND	B1	I/OCHCK
+RESETORV	B2	+D7
+5V	B3	+D6
+IRO2	B4	+D5
+5VDC	B5	+D4
+DRO2	B6	+D3
+-12V	B7	+D2
RESERVED	B8	+D1
+-12V	B9	+D0
6ND	B10	I/OCHROY
-MEMW	B11	+ANE
-MEMR	B12	A19
-IOW	B13	A18
-IOR	B14	A17
-DACK3	B15	A16
+DRO3	B16	A15
-DRCK1	B17	A14
+DRO1	B18	A13
-DACK0	B19	A12
CLOCK	B20	A11
+IRO7	B21	A10
+IRO6	B22	A9
+IRO5	B23	A8
+IRO4	B24	A7
+IRO3	B25	A6
-DACK2	B26	A5
+T/C	B27	A4
+ALE	B28	A3
+5V	B29	A2
+OSC	B30	A1
GND	B31	A0

36 PIN SLOT PIN-OUT

-MEMCS16	C1	SBHE
I/OCSI16	C2	LA23
IRO16	C3	LA22
IRO11	C4	LA21
IRO 12	C5	LA20
IRO15	C6	LA19
IRO14	C7	LA18
-DACK0	C8	LA17
DRO0	C9	/WR
-DACK5	C10	/MW
DRO5	C11	SD08
-DACK6	C12	SD09
DRO6	C13	SD10
-DACK7	C14	SD11
DRO7	C15	SD12
+5V	C16	SD13
-MASTER	C17	SD14
GND	C18	SD15



PC-III PANEL DESCRIPTION AS BELOW:

1.PC XT BUS (62 PIN) CONNECTOR
2.PC AT BUS (37 PIN) CONNECTOR
3.PC POWER & EXTERNAL POWER
4.EXPANSION XT BUS SLOT (31 PIN) TESTING POINT
5.EXPANSION AT BUS SLOT (18 PIN) TESTING POINT
6.EXPANSION XT BUS (31 PIN) TESTING POINT
7.EXPANSION AT BUS (18 PIN) TESTING POINT
8.LED

PC-III 面板說明如下：

1.PC XT BUS 延伸插頭 62 PIN
2.PC AT BUS 延伸插頭 37 PIN
3.PC或外加電源切換開關
4.延伸槽A測試點 31 PIN
5.延伸槽A測試點 18 PIN
6.延伸槽B測試點 31 PIN
7.延伸槽B測試點 18 PIN
8.各組電源指示燈